

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An information processor which implements a service by cooperatively operating a plurality of job processors each executing its processing in accordance with a process description defined in instruction data, at least first and second job processors, the first job processor to execute a first job processing in accordance with a first process description defined in instruction data, the second job processor to execute a second job processing, which is a different type of processing from the first processing, in accordance with a second process description defined in the instruction data including the first process description, the information processor comprising:

an encryption processor which encrypts each the first and second process description descriptions defined in the instruction data using information of each one of job processor which executes the process, so that the first process description is decryptable for the first job processor and is not decryptable for the second job processor, and so that the second process description is decryptable for the second job processor and is not decryptable for the first job processor, and

a transmitter which sends the instruction data, in which the first and second process description is descriptions are encrypted by the encryption processor, to the job processor which executes the process described in the encrypted process description at least one of the first and second job processors.

2. (Currently Amended) An information processor according to claim 1, wherein, when the instruction data instructs the second processing to be carried out later than the first processing, wherein the encryption processor encrypts the second process description which is a current encryption target together with encrypted data on before encrypting the first

process description about a downstream process to be carried out later than the process described in description, and further encrypts the first process description of the current encryption target, together with the encrypted second process description.

3. (Currently Amended) An information processor according to claim 1, wherein the encryption processor encrypts the first process description which is a current encryption target using a first public key for the first job processor which executes the process described in the process description of the current encryption target, processor, and further encrypts the second process description using a second public key for the second job processor.

4-5. (Canceled)

6. (Currently Amended) An information processor contained in a system which implements a service through cooperative operation of a plurality of job processors, the information processor comprising:

a receiver which receives instruction data in which each encrypted process description using information of each of job processor which executes the process is contained; data, the instruction data including a first process description representing a first processing to be processed by a first job processor and a second process description representing a second processing to be processed by a second job processor, the first process description being decryptable for the first job processor and not being decryptable for the second job processor, the second process description being decryptable for the second job processor and not being decryptable for the first job processor;

a decryption processor which decrypts a part of the first process description, which is description in the instruction data received by the receiver for the job processor itself; receiver;

a processing section that executes the first processing in accordance with the decrypted first process description;

a delete section which deletes the part of the first process description decrypted by said the decryption processor from the instruction data, and

a transmitter which sends the instruction data, from which the first process description is deleted by said the delete section, to the other second job processors processor which subsequently execute their executes the second processing.

7. (Currently Amended) An information processing method carried out by a computer which implements a service by cooperatively operating a plurality of job processors each executing a process according to each one of a plurality of process descriptions defined in instruction data, at least first and second job processors, the first job processor to execute a first job processing in accordance with a first process description defined in instruction data, the second job processor to execute a second job processing, which is a different type of processing from the first processing, in accordance with a second process description defined in the instruction data including the first process description, the information processing method comprising the steps of:

encrypting each the first and second process description descriptions defined in the instruction data using information of each one of job processor which executes the process, so that the first process description is decryptable for the first job processor and is not decryptable for the second job processor, and so that the second process description is decryptable for the second job processor and is not decryptable for the first job processor, and

sending the encrypted instruction data data, in which the first and second process descriptions are encrypted, to one of the job processors which executes the process described in the process descriptionat least one of the first and second job processors.

8. (Currently Amended) An information processing method carried out by at least one job processor contained in a system which implements a service through cooperative

operation of a plurality of job processors in a predetermined order, the information processing method comprising the steps of:

receiving instruction data in which each encrypted process description using information of each one of job processor which executes the process is contained; data, the instruction data including a first process description representing a first processing to be processed by a first job processor and a second process description representing a second processing to be processed by a second job processor, the first process description being decryptable for the first job processor and not being decryptable for the second job processor, the second process description being decryptable for the second job processor and not being decryptable for the first job processor;

decrypting a part of the received the first process description for the job processor itself; in the received instruction data;

executing the first processing in accordance with the decrypted first process description;

deleting the part of the decrypted first process description from the instruction data; data; and

sending the instruction data data, from which the decrypted first process description has been deleted to the other second job processors processor which subsequently execute their executes the second processing.

9. (Currently Amended) A job processor which carries out a job according to a process description defined in instruction data, the job processor comprising:

an encryption processor which encrypts each subsequent first and second process description descriptions defined in the instruction data using information of each one of job processor which executes the process, for at least one of a first job processor and a second job processor, the first job processor to execute a first job processing in accordance

with a first process description defined in the instruction data, and the second job processor to execute a second processing, which is a different type of processing from the first processing, in accordance with the second process description defined in the instruction data including the first process description, so that the subsequent first process description is decryptable for the subsequent the first job processor and is not decryptable for a second job processor, and so that the second process description is decryptable for the second job processor and is not decryptable for the first job processor, and

a transmitter which sends the instruction data, in which the subsequent-first and second process description is descriptions are encrypted by the encryption processor, to the subsequent job processor after the job processor completes its processing at least one of the first and second job processors.

10. (Currently Amended) A job processing method in which processing is carried out according to a process description defined in instruction data, the job processing method comprising the steps of:

receiving instruction data, the instruction data including a first process description representing a first processing to be processed by a first job processor and a second process description representing a second processing to be processed by a second job processor, the first process description being decryptable for the first job processor and not being decryptable for the second job processor, the second process description being decryptable for the second job processor and not being decryptable for the first job processor;  
encrypting each process description defined in the instruction data using information of each one of job processor which executes the process, so that the process description is decryptable for the subsequent job processor, and  
decrypting the received first process description;

executing the first processing in accordance with the decrypted first process

description:

deleting the decrypted first process description from the instruction data; and  
sending the instruction data in data, from which the first process description is  
deleted, encrypted in said encrypting step after to the second job processor which executed  
the encrypting step completed its job, to the subsequent job processor subsequently executes  
the second processing.

11. (Canceled)